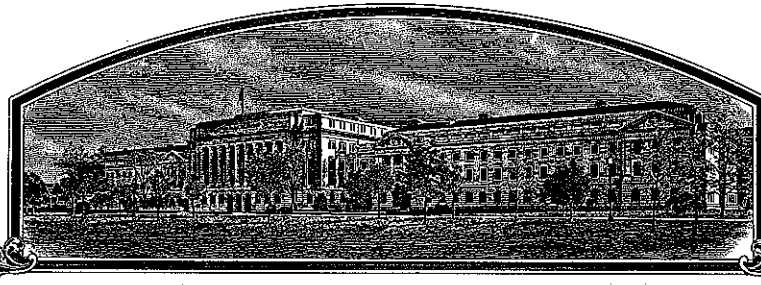


No.

200500059



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Crites-Moscow Growers, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR SELLING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PEA

'Deschutes'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this fifth day of February, in the year two thousand and eight.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

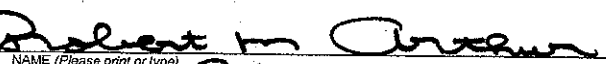
Secretary of Agriculture



U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICEAPPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER Crites Moscow Growers, Inc.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME CMG-324F	3. VARIETY NAME Deschutes
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) 212 W. 8th St PO Box 8912 Moscow, Id 83843-1412		5. TELEPHONE (include area code) 208-882-5519	FOR OFFICIAL USE ONLY PVP NUMBER 2005 000 59 FILING DATE January 10, 2005 FILING AND EXAMINATION FEES: \$ 3652.00 DATE 1-07-2005 CERTIFICATION FEE: \$ 768.00 DATE 12/28/07
6. FAX (include area code) 208-882-6464		9. DATE OF INCORPORATION May 10, 1933	
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation	8. IF INCORPORATED, GIVE STATE OF INCORPORATION Idaho		
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) Robert Arthur Crites Moscow Growers, Inc PO Box 8912 Moscow, Id 83843-1412			
11. TELEPHONE (include area code) 208-882-5519	12. FAX (include area code) 208-882-6464	13. E-MAIL bob@critesmoscow.com	
14. CROP KIND (Common Name) Garden Pea	16. FAMILY NAME (Botanical) Leguminosae	18. DOES THE VARIETY CONTAIN ANY TRANSGENES? (OPTIONAL) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERCIALIZATION.	
15. GENUS AND SPECIES NAME OF CROP Pisum Sativum	17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? (See Section 63(a) of the Plant Variety Protection Act) <input type="checkbox"/> YES (If "yes", answer items 21 and 22 below) <input checked="" type="checkbox"/> NO (If "no", go to item 23)	
19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)		21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED	
a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$3,652), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)		22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS. <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED (If additional explanation is necessary, please use the space indicated on the reverse.)	
23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)		24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)	
25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties			
SIGNATURE OF OWNER  NAME (Please print or type) Robert M Arthur		SIGNATURE OF OWNER NAME (Please print or type)	
CAPACITY OR TITLE Research Director		CAPACITY OR TITLE	
DATE 1/6/05		DATE	

(See reverse for instructions and information collection burden statement)

EXHIBIT A REVISED

Deschutes originated from a hand pollinated cross in the fall of 1986. Span is the female parent and Dual is the male parent.

1987 F1 Bulk greenhouse
 1987 F2 Bulk field
 1988 F3 Pedigree selected an early taller plant type when compared to Span.
 1989 F4 Repeated the cycle.
 1990 F5 Repeated the cycle.
 1991 F6 Repeated the cycle.
 1992 F7 Final bulk.
 1994 Increase and Trial.
 1995 " " "
 1996 " " "
 1997 " " Oregon State University Trial, Milton Freewater, Oregon
 1998 Increase, Oregon State and Washington State University Trial.
 1999 Repeat the two trials.
 2000 Increase and Trial
 2001 Commercial Trial
 2002 " "
 2003 " "
 2004 "

The purpose of the cross was to develop a pea variety with the vine length and the high ovule quantity similar to Dual with the earliness similar to Span.

F1 & F2 Bulk with no selection.

F3-F6 Selected a single plant early like Span but vine length and ovule count similar to Dual. The selections were plants that first flowers on the 10th or 11th node.

Deschutes has been observed for 6 generations and found to be uniform and Stable. Variants have not been present.

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EXHIBIT B

MAH 6/5/2007

Deschutes is an early 10th node freezer most similar to Spring in ~~plant height and sieve size~~. Trials conducted by Washington State University at Mount Vernon Washington in 1999 showed CMG- 324 F at 31 inches and a sieve size of 4.22 and 4.27 based on two planting dates. Spring's data on height was 35 inches and 4.38 and 4.04 for sieve size. The maturity measured in heat units demonstrated Spring was earlier by some 133 heat units.

The foliage color mostly resembles Marias. However, the maturity of Marias more closely resembles Spring. Deschutes measured 6 inches taller at the green pea stage in Moscow.

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The paired trial comparing Deschutes to Spring was conducted in Quincy, Washington and Moscow, Idaho. The total number of pods on the first two flowering nodes is a distinguishable characteristic between these two varieties. The data is very consistent between Quincy and Moscow and shows differences greater than .05 at either site.

The dates for planting and making the counts are given with the data.

The experimental plot design is a Randomized Complete Block with 5 replications and counts made on 26 plants, sample size, per replication. The F test was performed with 1 and 4 degrees of freedom. Counts were logarithmically transformed prior to analysis to meet the statistical assumption of ANOVA (normality).

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Tests of Hypotheses Using the Type III MS for Rep*Variety as an Error Term

Location	Source	DF	Type III SS	Mean Square	F Value	Pr >F
Moscow	Variety	1	20.68880053	20.68880053	330.82	<.0001
Quincy	Variety	1	22.11446259	22.11446259	4674.61	<.0001

Both sites exceed the 95% confidence level.

LOCATION	VARIETY	MEAN**	SD**
Moscow	Deschutes	3.85	1.14
	Spring	2.19	1.20
Quincy	Deschutes	3.83	1.18
	Spring	2.14	1.24

*Mean=number of pods on the first two flowering nodes.

*SD= Standard Deviation

*Comparisons done on logarithmic transformation. Untransformed value reported here.

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Deschutes & Spring Comparisons of
number of pods on 1st two flowering
nodes

Quincy, Planted 4/10/07 Read 6/20/07

Plant #	Variety	Rep	Count
1	Des	1	4
1	Spring	1	2
1	Spring	2	2
1	Des	2	4
1	Des	3	4
1	Spring	3	2
1	Des	4	4
1	Spring	4	2
1	Spring	5	3
1	Des	5	4
2	Des	1	4
2	Spring	1	1
2	Spring	2	2
2	Des	2	4
2	Des	3	4
2	Spring	3	2
2	Des	4	4
2	Spring	4	2
2	Spring	5	2
2	Des	5	4
3	Des	1	4
3	Spring	1	2
3	Spring	2	2
3	Des	2	4
3	Des	3	4
3	Spring	3	2
3	Des	4	4
3	Spring	4	2
3	Spring	5	2
3	Des	5	4
4	Des	1	4
4	Spring	1	2
4	Spring	2	3
4	Des	2	4
4	Des	3	4
4	Spring	3	3
4	Des	4	4
4	Spring	4	2
4	Spring	5	2
4	Des	5	4
5	Des	1	4
5	Spring	1	2
5	Spring	2	2
5	Des	2	4
5	Des	3	4
5	Spring	3	2
5	Des	4	4
5	Spring	4	2
5	Spring	5	2
5	Des	5	4
6	Des	1	4
6	Spring	1	2
6	Spring	2	2
6	Des	2	2
6	Des	3	4
6	Spring	3	2
6	Des	4	4
6	Spring	4	2
6	Spring	5	2
6	Des	5	4
7	Des	1	4
7	Spring	1	3
7	Spring	2	2
7	Des	2	4
7	Des	3	4
7	Spring	3	2

Deschutes & Spring Comparisons of
number of pods on 1st two flowering
nodes

Moscow, Planted 5/18/07 Read 7/18/07

Plant #	Variety	Rep	Count
1	Des	1	4
1	Spring	1	2
1	Spring	2	2
1	Des	2	4
1	Des	3	4
1	Spring	3	2
1	Des	4	4
1	Spring	4	2
1	Spring	5	3
1	Des	5	4
2	Des	1	2
2	Spring	1	3
2	Spring	2	2
2	Des	2	3
2	Des	3	4
2	Spring	3	2
2	Des	4	4
2	Spring	4	4
2	Spring	5	2
2	Des	5	4
3	Des	1	4
3	Spring	1	3
3	Spring	2	2
3	Des	2	4
3	Des	3	4
3	Spring	3	2
3	Des	4	4
3	Spring	4	2
3	Spring	5	2
3	Des	5	4
4	Des	1	3
4	Spring	1	2
4	Spring	2	2
4	Des	2	4
4	Des	3	4
4	Spring	3	2
4	Des	4	4
4	Spring	4	2
4	Spring	5	2
4	Des	5	4
5	Des	1	2
5	Spring	1	2
5	Spring	2	2
5	Des	2	4
5	Des	3	4
5	Spring	3	3
5	Des	4	4
5	Spring	4	2
5	Spring	5	2
5	Des	5	4
6	Des	1	4
6	Spring	1	2
6	Spring	2	3
6	Des	2	4
6	Des	3	4
6	Spring	3	3
6	Des	4	4
6	Spring	4	2
6	Spring	5	2
6	Des	5	4
7	Des	1	4
7	Spring	1	3
7	Spring	2	3
7	Des	2	4
7	Des	3	4
7	Spring	3	2

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7	Des	4	4	7	Des	4	4
7	Spring	4	4	7	Spring	4	2
7	Spring	5	2	7	Spring	5	2
7	Des	5	4	7	Des	5	4
8	Des	1	4	8	Des	1	4
8	Spring	1	2	8	Spring	1	2
8	Spring	2	2	8	Spring	2	2
8	Des	2	3	8	Des	2	4
8	Des	3	4	8	Des	3	4
8	Spring	3	2	8	Spring	3	2
8	Des	4	4	8	Des	4	4
8	Spring	4	2	8	Spring	4	2
8	Spring	5	2	8	Spring	5	3
8	Des	5	4	8	Des	5	4
9	Des	1	4	9	Des	1	4
9	Spring	1	2	9	Spring	1	3
9	Spring	2	2	9	Spring	2	2
9	Des	2	4	9	Des	2	4
9	Des	3	3	9	Des	3	4
9	Spring	3	2	9	Spring	3	3
9	Des	4	4	9	Des	4	4
9	Spring	4	2	9	Spring	4	2
9	Spring	5	3	9	Spring	5	3
9	Des	5	4	9	Des	5	4
10	Des	1	4	10	Des	1	4
10	Spring	1	2	10	Spring	1	2
10	Spring	2	2	10	Spring	2	2
10	Des	2	2	10	Des	2	4
10	Des	3	3	10	Des	3	4
10	Spring	3	2	10	Spring	3	3
10	Des	4	4	10	Des	4	4
10	Spring	4	2	10	Spring	4	4
10	Spring	5	4	10	Spring	5	2
10	Des	5	4	10	Des	5	4
11	Des	1	4	11	Des	1	4
11	Spring	1	2	11	Spring	1	3
11	Spring	2	2	11	Spring	2	2
11	Des	2	4	11	Des	2	4
11	Des	3	4	11	Des	3	4
11	Spring	3	2	11	Spring	3	2
11	Des	4	4	11	Des	4	4
11	Spring	4	2	11	Spring	4	2
11	Spring	5	3	11	Spring	5	2
11	Des	5	4	11	Des	5	4
12	Des	1	4	12	Des	1	4
12	Spring	1	2	12	Spring	1	2
12	Spring	2	2	12	Spring	2	2
12	Des	2	4	12	Des	2	4
12	Des	3	4	12	Des	3	4
12	Spring	3	2	12	Spring	3	2
12	Des	4	4	12	Des	4	4
12	Spring	4	2	12	Spring	4	2
12	Spring	5	2	12	Spring	5	2
12	Des	5	4	12	Des	5	4
13	Des	1	4	13	Des	1	4
13	Spring	1	3	13	Spring	1	2
13	Spring	2	2	13	Spring	2	2
13	Des	2	4	13	Des	2	4
13	Des	3	4	13	Des	3	4
13	Spring	3	2	13	Spring	3	2
13	Des	4	4	13	Des	4	4
13	Spring	4	2	13	Spring	4	2
13	Spring	5	2	13	Spring	5	2
13	Des	5	2	13	Des	5	4
14	Des	1	4	14	Des	1	4
14	Spring	1	2	14	Spring	1	2
14	Spring	2	2	14	Spring	2	2
14	Des	2	4	14	Des	2	4
14	Des	3	3	14	Des	3	4
14	Spring	3	2	14	Spring	3	2
14	Des	4	4	14	Des	4	4
14	Spring	4	2	14	Spring	4	2
14	Spring	5	2	14	Spring	5	2

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15	Spring	3	2
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15	Spring	4	2
15	Spring	5	2
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16	Spring	1	2
16	Spring	2	3
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18	Des	4	4
18	Spring	4	2
18	Spring	5	2
18	Des	5	4
19	Des	1	4
19	Spring	1	3
19	Spring	2	3
19	Des	2	3
19	Des	3	4
19	Spring	3	3
19	Des	4	4
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19	Des	5	4
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20	Spring	1	4
20	Spring	2	2
20	Des	2	4
20	Des	3	4
20	Spring	3	2
20	Des	4	4
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20	Spring	5	2
20	Des	5	4
21	Des	1	4
21	Spring	1	2
21	Spring	2	2
21	Des	2	4
21	Des	3	4
21	Spring	3	2
21	Des	4	2
21	Spring	4	2
21	Spring	5	2
21	Des	5	4
22	Des	1	4
22	Spring	1	2

14	Des	5	4
15	Des	1	2
15	Spring	1	2
15	Spring	2	2
15	Des	2	3
15	Des	3	4
15	Spring	3	2
15	Des	4	4
15	Spring	4	2
15	Spring	5	2
15	Des	5	4
16	Des	1	4
16	Spring	1	2
16	Spring	2	3
16	Des	2	4
16	Des	3	4
16	Spring	3	2
16	Des	4	4
16	Spring	4	2
16	Spring	5	2
16	Des	5	4
17	Des	1	4
17	Spring	1	3
17	Spring	2	2
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17	Des	3	4
17	Spring	3	2
17	Des	4	3
17	Spring	4	2
17	Spring	5	2
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18	Des	4	4
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19	Des	4	4
19	Spring	4	2
19	Spring	5	2
19	Des	5	4
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20	Spring	1	3
20	Spring	2	2
20	Des	2	4
20	Des	3	4
20	Spring	3	2
20	Des	4	4
20	Spring	4	2
20	Spring	5	2
20	Des	5	4
21	Des	1	3
21	Spring	1	2
21	Spring	2	3
21	Des	2	4
21	Des	3	3
21	Spring	3	2
21	Des	4	4
21	Spring	4	3
21	Spring	5	2
21	Des	5	4
22	Des	1	4
22	Spring	1	2

22	Spring	2	2
22	Des	2	4
22	Des	3	4
22	Spring	3	2
22	Des	4	4
22	Spring	4	2
22	Spring	5	2
22	Des	5	4
23	Des	1	4
23	Spring	1	4
23	Spring	2	1
23	Des	2	4
23	Des	3	4
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25	Spring	5	2
25	Des	5	4
26	Des	1	4
26	Spring	1	2
26	Spring	2	2
26	Des	2	4
26	Des	3	4
26	Spring	3	3
26	Des	4	4
26	Spring	4	2
26	Spring	5	2
26	Des	5	4

22	Spring	2	2
22	Des	2	3
22	Des	3	4
22	Spring	3	3
22	Des	4	4
22	Spring	4	2
22	Spring	5	3
22	Des	5	4
23	Des	1	4
23	Spring	1	2
23	Spring	2	2
23	Des	2	4
23	Des	3	4
23	Spring	3	2
23	Des	4	4
23	Spring	4	2
23	Spring	5	2
23	Des	5	4
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24	Spring	1	2
24	Spring	2	2
24	Des	2	4
24	Des	3	3
24	Spring	3	2
24	Des	4	4
24	Spring	4	2
24	Spring	5	3
24	Des	5	4
25	Des	1	4
25	Spring	1	2
25	Spring	2	2
25	Des	2	4
25	Des	3	4
25	Spring	3	4
25	Des	4	4
25	Spring	4	2
25	Spring	5	2
25	Des	5	4
26	Des	1	3
26	Spring	1	3
26	Spring	2	2
26	Des	2	4
26	Des	3	4
26	Spring	3	2
26	Des	4	4
26	Spring	4	2
26	Spring	5	2
26	Des	5	4

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

Exhibit C

OBJECTIVE DESCRIPTION OF VARIETY
Pea (*Pisum sativum* L.)

NAME OF APPLICANT(S) Crites Moscow Growers, Inc.	TEMPORARY OR EXPERIMENTAL DESIGNATION CMG-324F	VARIETY NAME Deschutes
ADDRESS (Street and No. or RD No., City, State, Zip Code and Country) 212 W. 8th St. PO Box 8912 Moscow, Id 83843-1412		FOR OFFICIAL USE ONLY PVPO NUMBER 200500059

PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (e.g., or) when the number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used: _____ Please answer all questions for your variety; lack of response may delay progress of your application.

1. TYPE:

1 = Garden 2 = Field 3 = Edible-podded 4 = Other (Specify) _____

2. MATURITY:

Node Number of First Bloom: No. of Days Processing Heat Units

No. of Days Earlier Than } 1 = Alaska 2 = Thomas Laxton WR 3 = Little Marvel
Days Same As } 4 = Wando 5 = Alderman WR 6 = Australian Winter
 No. of Days Later Than } 7 = Other (Specify) _____

3. PLANT HEIGHT:

cm High
 cm Shorter Than ☒ Name of Check Cultivar Thomas Laxton WR
Same As ☐ Same as Check Cultivar _____
 cm Taller Than ☒ Name of Check Cultivar Little Marvel

4. VINE:

Habit: 1 = Determinate 2 = Indeterminate 3 = Stockiness 1 = Slim (Alaska)
2 = Medium (Thomas Laxton WR)
3 = Heavy (Alderman)

Branching: 1 = None (Alaska) 2 = 1-2 Branches (Little Marvel) 3 = More than 2 Branches (Dwarf Gray Sugar)

Internodes: 1 = Straight 2 = Zig Zag Number of Nodes

5. LEAFLETS:

Color: 1 = Light Green (Alaska WR) 2 = Medium Green (Thomas Laxton WR) 3 = Dark Green (Alderman)
 4 = Other (Specify) _____ 5 = Blue Green 6 = Yellow Green 0 = Not Applicable

Wax 1 = None 2 = Light 3 = Medium 1 = Not Marbled 2 = Marbled (Alaska)
 4 = Heavy 0 = Not Applicable 0 = Not Applicable

Number of Leaflet Pairs: 1 = Not Paired 2 = One 3 = Two 4 = Three or More 0 = Not Applicable

Leaflet Type: 1 = Leafless 2 = Semi 3 = Normal

6. STIPULES:

1 = Lacking 2 = Present ☐ 1 = Not Clasping 2 = Clasping

1 = Not Marbled 2 = Marbled Size (Compared with Leaflets): 1 = Smaller 2 = Same
 3 = Larger 0 = Not Applicable

Color (Compared with Leaflets): 1 = Lighter 2 = Same 3 = Darker 0 = Not Applicable

Color: 1 = Light Green 2 = Medium Green 3 = Dark Green 4 = Blue Green 5 = Yellow Green 0 = Not Applicable
 Color Chart Value: 137-B

Select the Color Chart Used to Determine the Values:
☒ Royal Horticulture Society Colour Chart
☐ Munsell Color Chart
☐ Other _____

Stipule Size: 1 = Small 2 = Medium 3 = Large

Please Provide Comparative Varieties (Check Varieties) and Stipule Color

	Variety (1)	Variety (2)	Variety (3)
Variety Name:	<u>Little Marvel</u>	<u>Alderman</u>	<u>Wando</u>
Stipule Size:	<u>Medium</u>	<u>Large</u>	<u>Medium</u>
Color Chart Value:	<u>137-A</u>	<u>137-C</u>	<u>137-B</u>

7. FLOWER COLOR:

Venation Standard Wing Keel

1 = White
 2 = Greenish
 3 = Lavender
 4 = Purple
 5 = Red
 6 = Other (Specify) _____

8. PODS:

Shape: 1 = Straight 2 = Slightly Curved 3 = Curved

End: 1 = Pointed (Alderman) 2 = Blunt (Alaska)

Color: 1 = Light Green (Alaska WR) 2 = Medium Green 3 = Dark Green (Alderman)
 4 = Other (Specify) _____ 5 = Blue 6 = Purple 7 = Yellow

Surface: 1 = Smooth 2 = Rough Surface: 1 = Shiny 2 = Dull

Borne: 1 = Single 2 = Double 3 = Single and Double 4 = Single, Double & Triple 5 = Double & Triple
 6 = Triple 7 = Other (Specify) _____ 8 = Quad, Single, Double, Triple 9 = Quad

cm Length mm Width (Between Sutures) No. Seeds Per Pod

9. SEEDS: (95-100 Tenderometer)

Color: 1 = Light Green 2 = Green 3 = Dark Green 4 = Other (Specify) _____
 5 = Yellow 6 = Brown 7 = Yellow Green

1 2 3 4 5 6 7 8 Average
 Seive: %

Shape: 1 = Flattened 2 = Angular 3 = Oval 4 = Rounded

9. SEEDS: (95-100 Tendorometer) (continued)

☐ 3 Surface: 1 = Smooth 2 = Dimpled ☐ 2 Surface 1 = Shiny 2 = Dull
3 = Wrinkled

☐ 1 Color Pattern: 1 = Monocolor 2 = Mottled 3 = Striped 4 = Dotted

☐ 4 Primary Color: 1 = Creamy White 2 = Cream & Green 3 = Light Green 4 = Medium Green
5 = Dark Green 6 = Blue Green 7 = Yellow 8 = Brown

☐ 2 Secondary Color: 9 = Red 10 = Gray 11 = Black 12 = Salmon
13 = Purple 14 = Tan 15 = White 16 = Pink
17 = Yellow Green

☐ 2 Hilum Floor Color: 1 = White 2 = Tan 3 = Black

☐ 1 Cotyledon Color 1 = Green 2 = Yellow 3 = Orange 4 = Cream

☐ 2 ☐ 0 Grams per 100 Seeds

10. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant, 3 = Moderately Resistant, 4 = Moderately Susceptible, 5 = Tolerant)

<input type="checkbox"/> 2 Fusarium Wilt – Race 1	<input type="checkbox"/> 1 Fusarium Wilt (Near Wilt) – Race 2
<input type="checkbox"/> 0 Ascochyta Blight	<input type="checkbox"/> 0 Common Mosaic
<input type="checkbox"/> 0 Bacterial Blight	<input type="checkbox"/> 1 Pea Enation Mosaic Virus
<input type="checkbox"/> 0 Downy Mildew	<input type="checkbox"/> 1 Seedborne Mosaic Virus
<input type="checkbox"/> 1 Powdery Mildew	<input type="checkbox"/> 0 Yellow Bean Mosaic Virus
<input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> 0 Leaf Roll Virus
<input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> Other (Specify) _____

11. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant, 3 = Moderately Resistant, 4 = Moderately Susceptible, 5 = Tolerant)

☐ 1 Aphids ☐ Other (Specify) _____

12. Additional information on any item above, or general comments that may aid in identification:

200500059

EXHIBIT D

The Photo shows the difference between Deschutes and Marias. Deschutes displays a greater height of about 6 inches and a less compact vine.



U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).

**EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP**

1. NAME OF APPLICANT(S) Crites Moscow Growers, Inc.	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER CMG-324F	3. VARIETY NAME Deschutes
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) 212 W.8th St. PO Box 8912 Moscow, Id 83843-1413	5. TELEPHONE (Include area code) 208-882-5519	6. FAX (Include area code) 208-882-6464
7. PVPO NUMBER 200500059		

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. If no, please explain. ☒ YES ☐ NO9. Is the applicant (individual or company) a U.S. national or a U.S. based company? If no, give name of country. ☒ YES ☐ NO10. Is the applicant the original owner? ☒ YES ☐ NO If no, please answer one of the following:

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?

☐ YES ☐ NO If no, give name of country

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?

☐ YES ☐ NO If no, give name of country

11. Additional explanation on ownership (Trace ownership from original breeder to current owner. Use the reverse for extra space if needed):

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

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